

Form PTO-1595 (Rev. 03-09)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies) (1) Bradford Lawrence Hunter (2) Richard David Nicholson (3) Tsing Hsu</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Texas Instruments Incorporated</u> Internal Address: _____ _____ Street Address: <u>7839 Churchill Way, M/S 3999</u> _____ City: <u>Dallas</u> State: <u>TX</u> Country: <u>US</u> Zip: <u>75251</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>February 16, 2010; February 17, 2010</u></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>12/708,533</u></p> <p>B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Texas Instruments Incorporated</u> Internal Address: _____ _____ Street Address: <u>P.O. Box 655474, MS 3999</u> _____ City: <u>Dallas</u> State: <u>TX</u> Zip: <u>75251</u> Phone Number: <u>972-917-5271</u> Fax Number: <u>972-917-4418</u> Email Address: <u>jscott@ti.com</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>Deposit Account Number <u>200668</u> Authorized User Name <u>Balsar & Grell IP Law</u></p>
<p>9. Signature: _____ /BAB/ _____ 2/19/2010 Signature Date</p> <p style="text-align: center;">Benjamin A. Balsar Name of Person Signing</p> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and documents: 3</p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 200668 12708533

Attorney Docket No.
TI-68603

Serial No. _____

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date

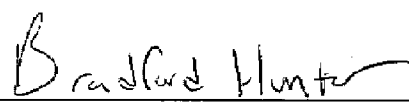
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Texas, 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said any Letters Patent that may issue thereon;

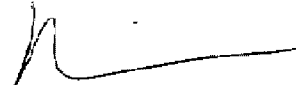
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereunto assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize TEXAS INSTRUMENTS INCORPORATED to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned in said invention, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign patent application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments and connections therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, as known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign continuations, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

	Systems and Devices for Dynamically Scaled Charge Pumping
	Bradford Lawrence Hunter 
R (CITY)	Austin, TX
DE	2/16/10

	
R (CITY)	Austin, TX
DE	2/17/10

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R (CITY)	Allen, TX
DE	2/17/2010